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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Short et al.

Application No.

Filed: December 9, 2005

Confirmation No.

For: PLASMA POLYMERIZATION METHODS

FOR THE DEPOSITION OF CHEMICAL

GRADIENTS AND SURFACES DISPLAYING GRADIENT OF IMMOBILIZED BIOMOLECULE

Attorney Reference No. 5585-72726-01

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## PRELIMINARY AMENDMENT

Amendments to the Specification begin on page 2.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3.

Remarks begin on page 8.